

REMARKS

Reconsideration of the above-identified Application is respectfully requested. Claims 1-16 are in the case. Claims 1, 9 and 16 have been amended. The Specification has been amended to correct a minor informality.

The Specification has been amended to correct a minor informality. Please note that the bold type "**4**" has a dash through it to denote deletion, even though it is difficult to see as it is superimposed on the horizontal line partially constituting the numeral "4".

Regarding the rejection of Claims 1-16 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Bennett, Claims 1, 9 and 16, the only independent claims in the case, have been amended to overcome the rejection. Each of these claims now recites that the numbers displayed in cells are "updated under software control and represent a common property which changes *in a real-time simulation display* according to an algorithm set by a user" (emphasis added). Support for this limitation is found, for example, at page 5, last line, through page 6, line 2. Thus, the numbers in the display cells are updated under software control and change in real time, i.e., without further action by the user. So, for example, as in the disclosed example, setting an algorithm that describes heat transfer between cells of a representative grid over time, one can observe the real time simulation display as the time units tick off and the numbers in the cells representing the temperatures in the cells change from unit to unit of time until the software program finishes. This is neither shown nor suggested in Bennett. The other art of record is even less relevant.

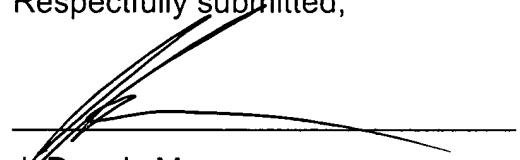
It is therefore respectfully submitted that for the above reasons Claims 1, 9 and 16 are allowable over Bennett and, indeed, all of the art of record, whether considered individually or in any combination. Claims 2-8 and 10-15 depend, either directly or indirectly, from one of Claims 1 and 9 and so are allowable as well for the same reasons, as well as for the additional limitations found therein. Wherefore reconsideration and withdrawal of this rejection are respectfully requested.

It is respectfully submitted that the claims recite the patentably distinguishing features of the invention and that, taken together with the above remarks, the present application is now in proper form for allowance. Reconsideration of the application, as amended, and allowance of the claims are requested at an early date.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, the Applicants petition for an Extension of Time under 37 C.F.R. §1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees to the Deposit Account No. 20-0668 of Texas Instruments Incorporated.

Respectfully submitted,



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